

## CLAIMS

1. The use of loquat kernel to kill, inactivate or repel pests.
- 5 2. Use according to Claim 1 wherein the use is as a pesticide.
3. Use according to Claim 1 wherein the use is to kill, inactivate or repel nematodes.
- 10 4. Use according to Claim 3, wherein the use is as a nematicide.
5. Use according to Claim 3 or Claim 4, wherein the use is against plant parasitic nematodes.
- 15 6. Use according to Claim 5, wherein the use is as a selective nematicide for plant parasitic nematodes.
7. Use according to any one of Claims 3 to 6, wherein the use is as a selective treatment for nematodes over fungi.
- 20 8. Use according to any one of the preceding claims wherein the loquat kernel is used in ground, chopped, freeze dried or spray dried form or in the form of an extract.
- 25 9. Use according to Claim 8, wherein the kernel is used in the form of an extract in water.
10. Use according to Claim 8, wherein the kernel is used in the form of an extract in an organic solvent.
- 30 11. Use according to Claim 10, wherein the solvent is ethanol.

12. Use according to any one of the preceding claims, wherein all soluble components from the loquat kernel are used.

5 13. Use according to any one of the preceding claims, wherein all water-soluble components from the loquat kernel are used.

14. Use according to any one of the preceding claims, wherein all organic solvent-soluble components from the loquat kernel are used.

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15. Use according to any one of the preceding claims, wherein all ethanol-soluble components from the loquat kernel are used.

15 16. Use according to Claim 8, wherein the loquat kernel is in ground form.

17. Use according to Claim 16, wherein the kernel has been ground so as to pass through a 5mm sieve but such that 50% or more of the ground kernel would not pass through a 0.1mm sieve.

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18. A method of killing, inactivating or repelling nematodes, which method comprises providing loquat kernel and applying the loquat kernel to the nematodes or to an area where the nematodes are likely to exist or to an area to where the nematodes are expected to move.

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19. The method of Claim 18 wherein the method comprises providing the loquat kernel in ground, chopped, freeze dried or spray dried form or in the form of an extract.

30 20. The method of Claim 19, wherein the method comprises the kernel in the form of an extract in water.

21. The method of Claim 19, wherein the method comprises the kernel in the form of an extract in an organic solvent.

5 22. The method according to Claim 21, wherein the solvent is ethanol.

23. The method according to any one of Claims 18 to 22, wherein all soluble components from the loquat kernel are provided.

10 24. The method of Claim 19 wherein the loquat kernel is provided in ground form.

25. The method of any one of Claims 18 to 24 wherein the nematodes are plant parasitic nematodes.

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26. The method of Claim 25 wherein the nematodes are root knot nematodes.

20 27. The method of any one of Claims 18 to 26 wherein the method comprises applying loquat kernel to a growing medium in an area where nematodes are believed to exist or to a growing medium in an area to where nematodes are expected to move.

25 28. The method of Claim 27 wherein the loquat kernel is applied to or mixed with a growing medium that is to have plants planted in it or is applied to or mixed with a growing medium that has plants planted in it.

29. A pesticide comprising loquat kernel and a pesticidally acceptable solvent, carrier, excipient or diluent.

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30. The pesticide of Claim 29, which comprises all soluble components of loquat kernel.

31. The pesticide of Claim 29, which comprises all water-soluble  
5 components of loquat kernel.

32. The pesticide of Claim 29, which comprises all ethanol-soluble components of loquat kernel.

10 33. The pesticide of any one of Claims 29 to 32, which comprises 10g/l of loquat kernel or more.

34. The pesticide of any one of Claims 29 to 33 wherein the pesticide comprises loquat kernel in ground, chopped, freeze dried or spray dried  
15 form or in the form of an extract.

35. A method of producing a pesticide, which method comprises providing ground, chopped, freeze dried or spray dried loquat kernel.

20 36. The method of Claim 35, which comprises providing ground loquat kernel.

37. The method of Claim 36, which further comprises taking extracts of the ground loquat kernel.

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38. The method of Claim 37, wherein the extract is in water.

39. The method of Claim 37, wherein the extract is in ethanol.